FIG. 1

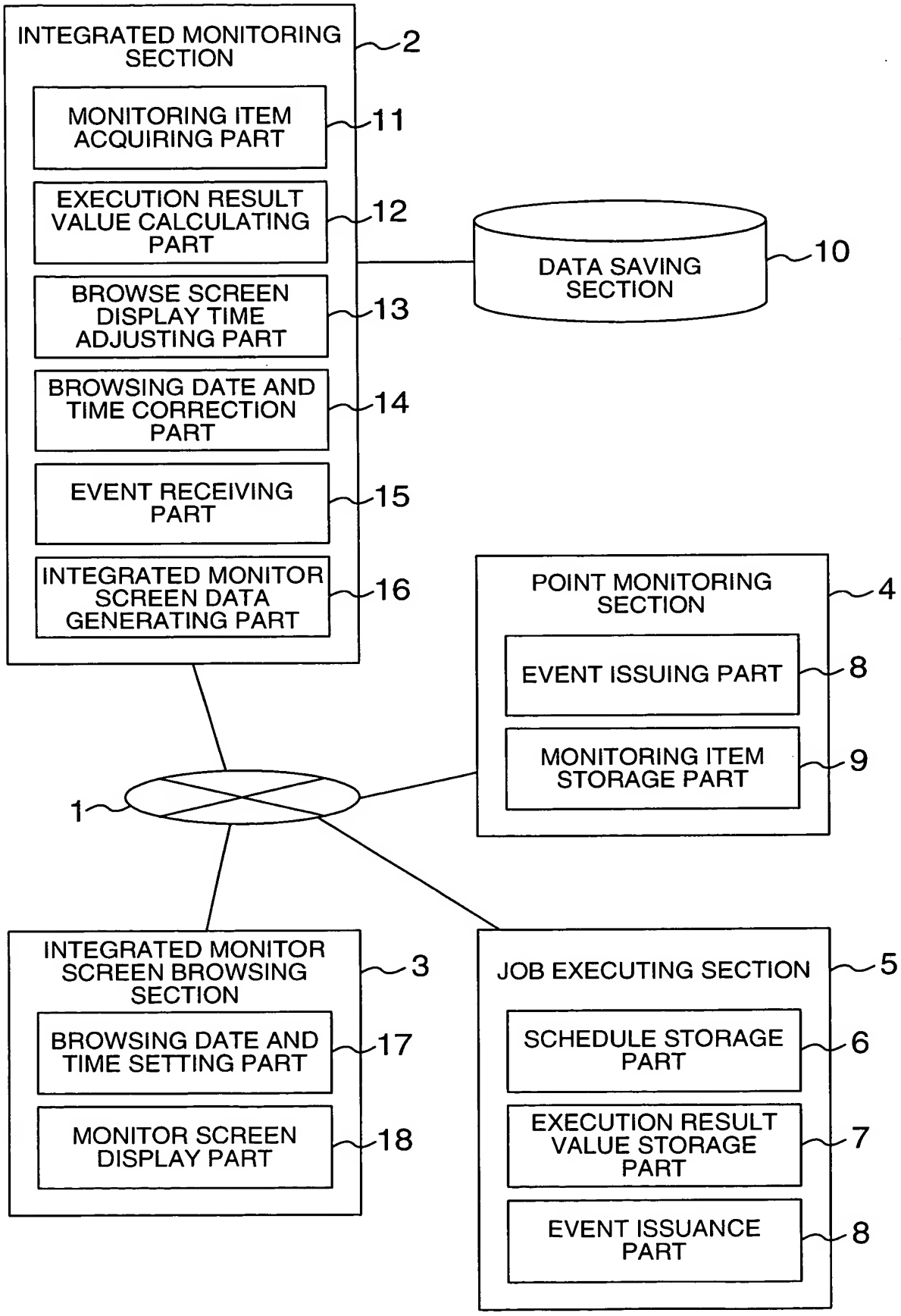
INTEGRATED MONITORING SECTION
2
MONITORING ITEM ACQUIRING PART
11
EXECUTION RESULT VALUE CALCULATING PART
12
BROWSE SCREEN DISPLAY TIME ADJUSTING PART
13
BROWSING DATE AND TIME CORRECTION PART
14
EVENT RECEIVING PART
15
INTEGRATED MONITOR SCREEN DATA GENERATING PART
16
DATA SAVING SECTION
10
POINT MONITORING SECTION
4
EVENT ISSUING PART
8
MONITORING ITEM STORAGE PART
9
1
INTEGRATED MONITOR SCREEN BROWSING SECTION
3
BROWSING DATE AND TIME SETTING PART
17
MONITOR SCREEN DISPLAY PART
18
JOB EXECUTING SECTION
5
SCHEDULE STORAGE PART
6
EXECUTION RESULT VALUE STORAGE PART
7
EVENT ISSUANCE PART
8

FIG. 2

20 SCHEDULE TABLE

21 JOB NAME	22 DATE/TIME TYPE	23 EXECUTION START SCHEDULE DATE AND TIME			24 EXECUTION PLACE		25 RELATED ITEM	---
		DATE	DAY OF WEEK	TIME	COUNTRY	AREA OF SAME INTERNATIONAL DATE		
JOB 1	ABSOLUTE DAY	2003/04/24	FRI	10:00	JAPAN	TOKYO	HOST 1	---
JOB 2	TIME	2003/04/24	FRI	23:00	JAPAN	OSAKA	HOST 2	---
JOB C	DAY OF WEEK	2003/04/25	SAT	1:00	JAPAN	HOKKAIDO	HOST 3	---
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FIG. 3

30 EXECUTION RESULT VALUE TABLE

31 JOB NAME	32 EXECUTION RESULT TIME	33 EXECUTION RESULT	34 EXECUTION START DATE AND TIME			35 EXECUTION END DATE AND TIME			---
			DATE	DAY OF WEEK	TIME	DATE	DAY OF WEEK	TIME	
JOB 1	2.00.00	NORMAL TERMINATION	2003/04/24	FRI	10:05	2003/04/24	FRI	12:05	---
JOB 2	5.00.00	NORMAL TERMINATION	2003/04/24	FRI	23:15	2003/04/25	SAT	4:15	---
JOB 3	1.00.00	NORMAL TERMINATION	2003/04/25	SAT	1:01	2003/04/25	SAT	2:01	---
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FIG. 4

40 MONITORING ITEM TABLE

41 MONITORING OBJECT	42 SPECIFIC MONITORING OBJECT	43 STATE	44 PLACE		45 RATE OF OPERATION (%)	46 MONITORING DATE AND TIME		---
			COUNTRY	AREA OF SAME INTERNATIONAL DATE		START	END	
HOST 1	CPU 1	NORMAL	JAPAN	TOKYO	15	2003/04/01 1:30		---
HOST 1	CPU 2	ABNORMAL	JAPAN	TOKYO	90	2003/04/01 1:01	2003/04/21 9:21	---
HOST 1	CPU 3	WARNING	JAPAN	TOKYO	70	2003/04/21 9:22		---
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FIG. 5

50 BROWSE SCREEN DISPLAY TIME ADJUSTING TABLE

51 MANAGEMENT GROUP	52 MONITORING OBJECT	53 EXECUTION MONITORING START DATE AND TIME			54 EXECUTION MONITORING END DATE AND TIME			55 MONITORED STATUS	---
		DATE	DAY OF WEEK	TIME	DATE	DAY OF WEEK	TIME		
WORK 1	JOB 1	2003/04/24	FRI	10:00	2003/04/24	FRI	13:00	NORMAL	---
WORK 2	JOB 2	2003/04/24	FRI	23:00	2003/04/25	SAT	3:50	ABNORMAL	---
WORK 5	JOB 3	2003/04/25	SAT	1:00	2003/04/25	SAT	3:00	NORMAL	---
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FIG. 6

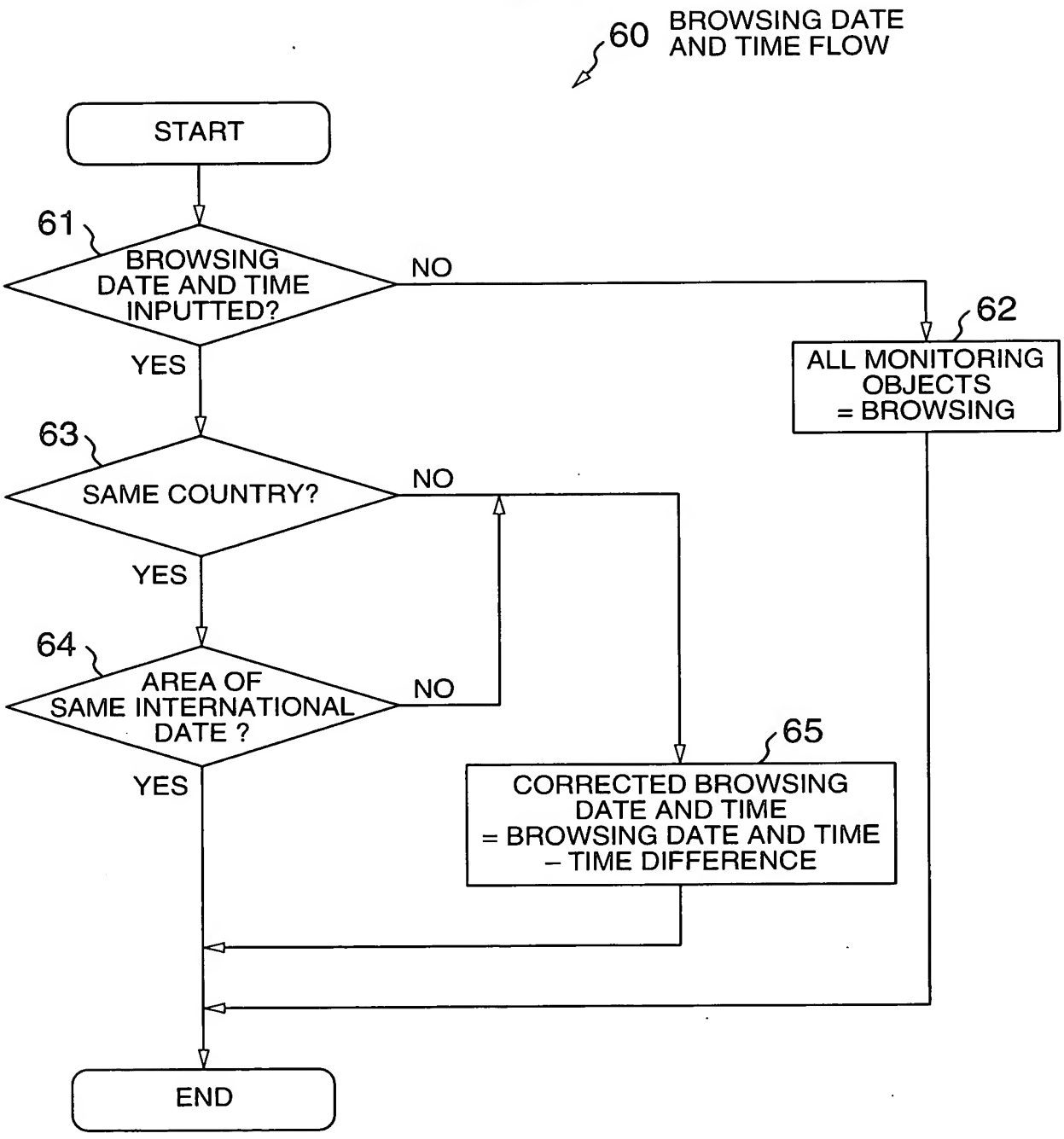
60
BROWSING DATE AND TIME FLOW
START
61
BROWSING DATE AND TIME INPUTTED?
NO
YES
62
ALL MONITORING OBJECTS = BROWSING
63
SAME COUNTRY?
NO
YES
64
AREA OF SAME INTERNATIONAL DATE ?
NO
YES
65
CORRECTED BROWSING DATE AND TIME = BROWSING DATE AND TIME – TIME DIFFERENCE
END

FIG. 7

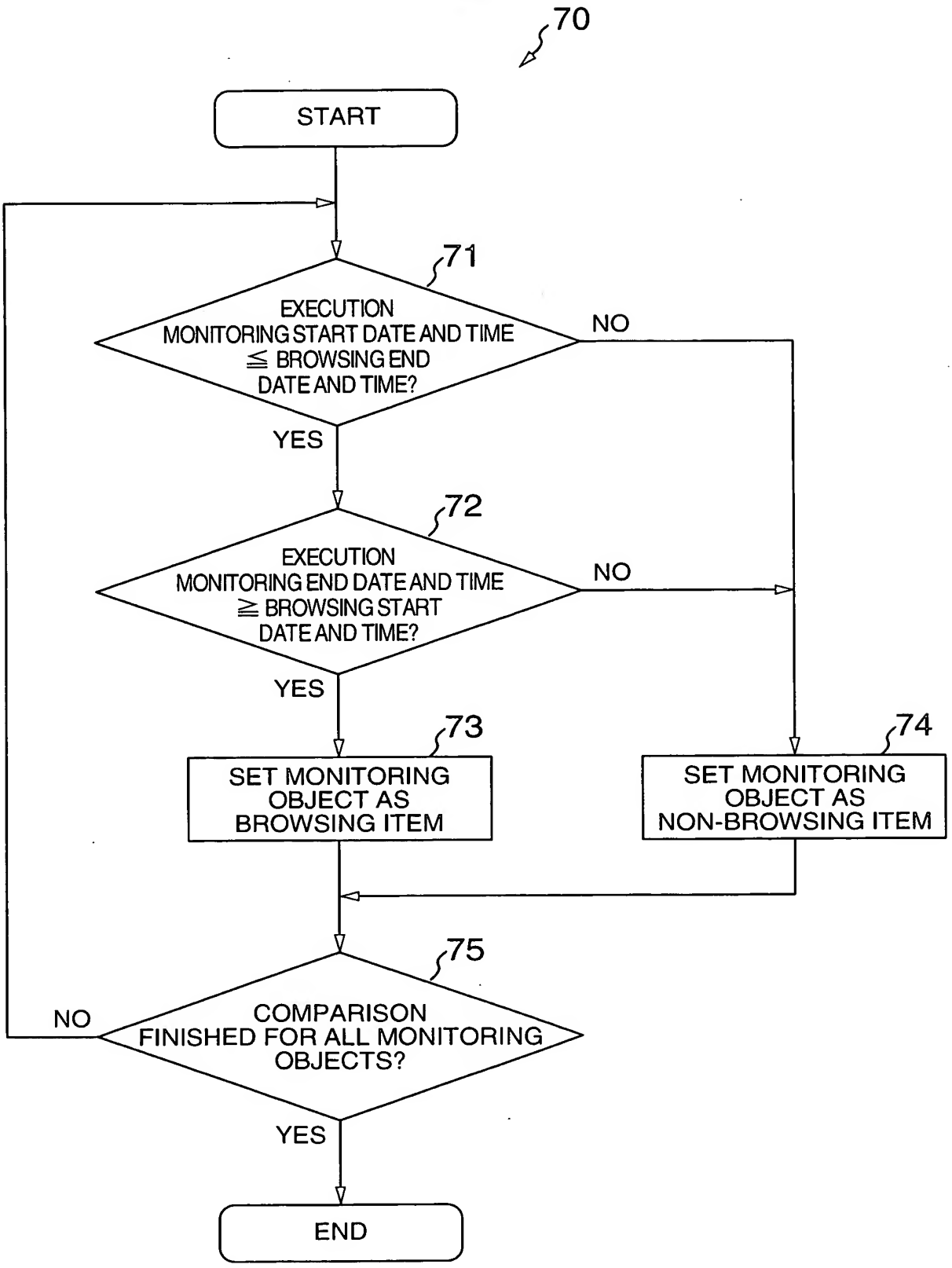
70
START
71
EXECUTION MONITORING START DATE AND TIME ≦ BROWSING END DATE AND TIME?
NO
YES
72
EXECUTION MONITORING END DATE AND TIME ≧ BROWSING START DATE AND TIME?
NO
YES
73
SET MONITORING OBJECT AS BROWSING ITEM
74
SET MONITORING OBJECT AS NON-BROWSING ITEM
75
COMPARISON FINISHED FOR ALL MONITORING OBJECTS?
NO
YES
END

FIG. 8

80 DATA SAVING TABLE

81 MANEGEMENT GROUP	82 MONITORING OBJECT	83 DATE/TIME TYPE	84 EXECUTION START SCHEDULE TIME			85 RELATED MONITORING ITEM	86 OPERATION INDEX	87 EXECUTION TIME OPTIMAL VALUE	---
			DATE	DAY OF WEEK	TIME				
WORK 1	JOB 1	YEAR	2003/04/24	FRI	10:00	PROCESS 1	0	2.00	---
						PROCESS 2			
						PROCESS 3			
WORK 2	JOB 2	HOUR			23:00	MEMORY 1	2	4.50	---
						PROCESS 4	0	3.00	
						CPU4	1	3.50	
WORK 3	JOB 3	WEEK		SAT	1:00	MEMORY 2	4	0.50	---
						CPU3			
						CPU2			
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FIG. 9

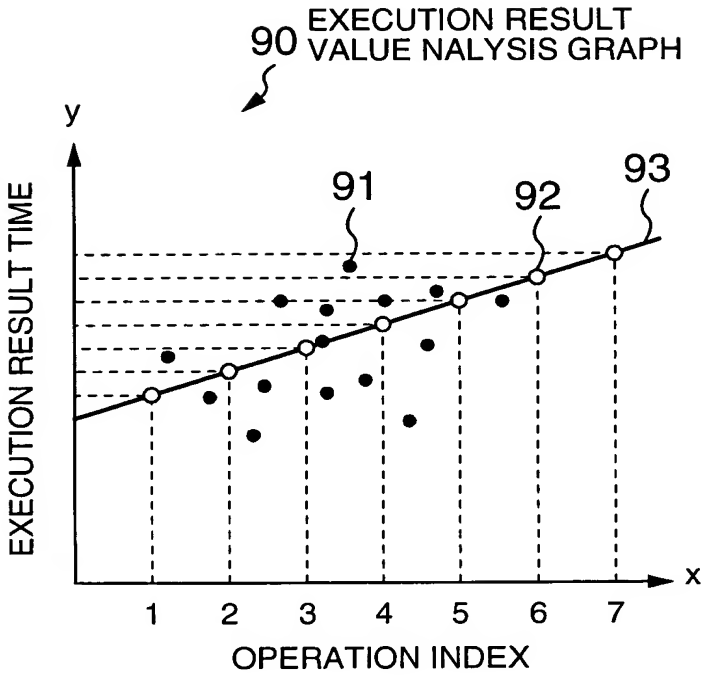
90
EXECUTION RESULT VALUE NALYSIS GRAPH
y
EXECUTION RESULT TIME
91
92
93
x
1
2
3
4
5
6
7
OPERATION INDEX

FIG. 10

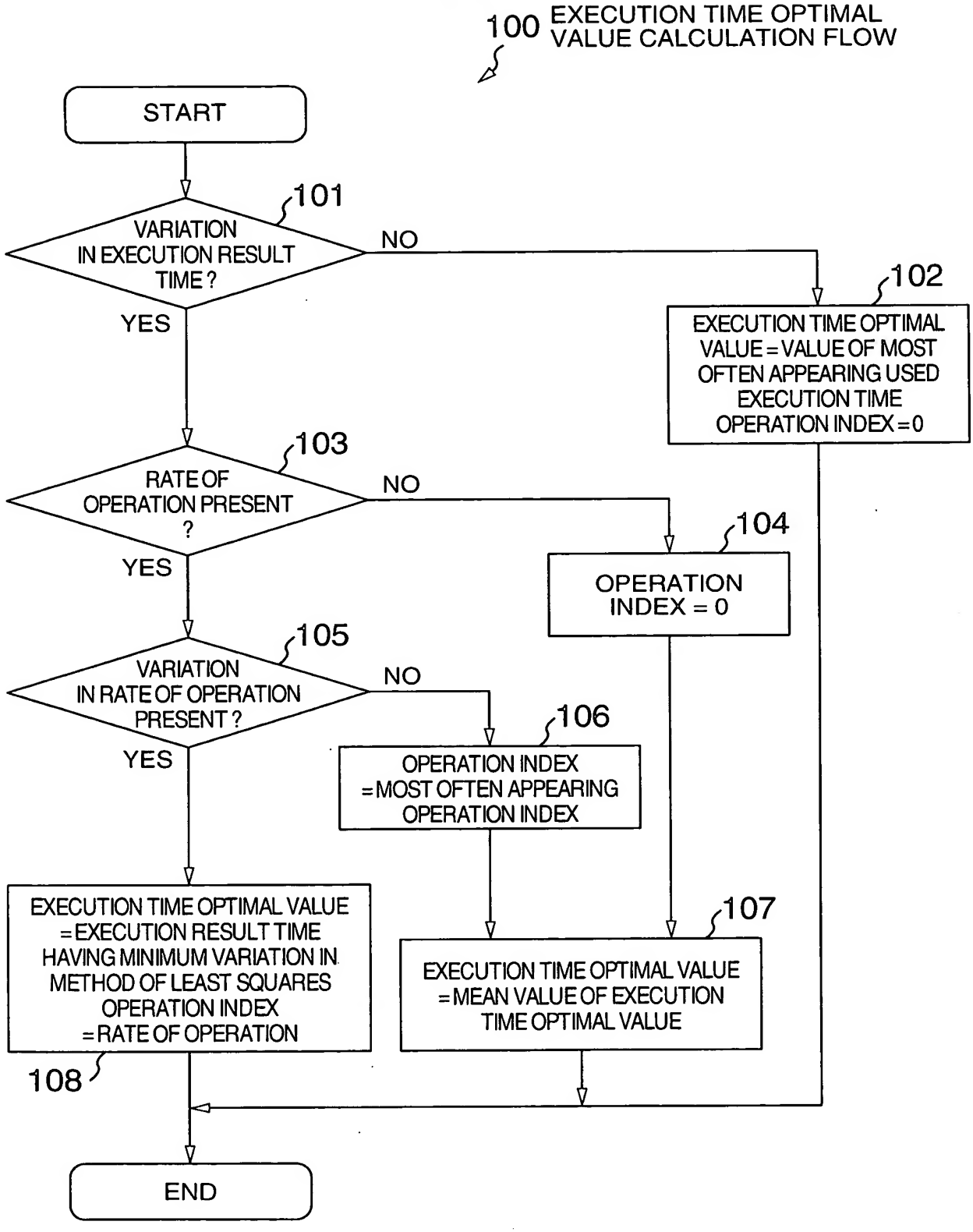
100 EXECUTION TIME OPTIMAL VALUE CALCULATION FLOW
START
101
VARIATION IN EXECUTION RESULT TIME ?
NO
YES
102
EXECUTION TIME OPTIMAL VALUE = VALUE OF MOST OFTEN APPEARING USED EXECUTION TIME OPERATION INDEX = 0
103
RATE OF OPERATION PRESENT ?
NO
YES
104
OPERATION INDEX = 0
105
VARIATION IN RATE OF OPERATION PRESENT ?
NO
YES
106
OPERATION INDEX = MOST OFTEN APPEARING OPERATION INDEX
EXECUTION TIME OPTIMAL VALUE = EXECUTION RESULT TIME HAVING MINIMUM VARIATION IN METHOD OF LEAST SQUARES OPERATION INDEX = RATE OF OPERATION
107
EXECUTION TIME OPTIMAL VALUE = MEAN VALUE OF EXECUTION TIME OPTIMAL VALUE
108
END

FIG. 11

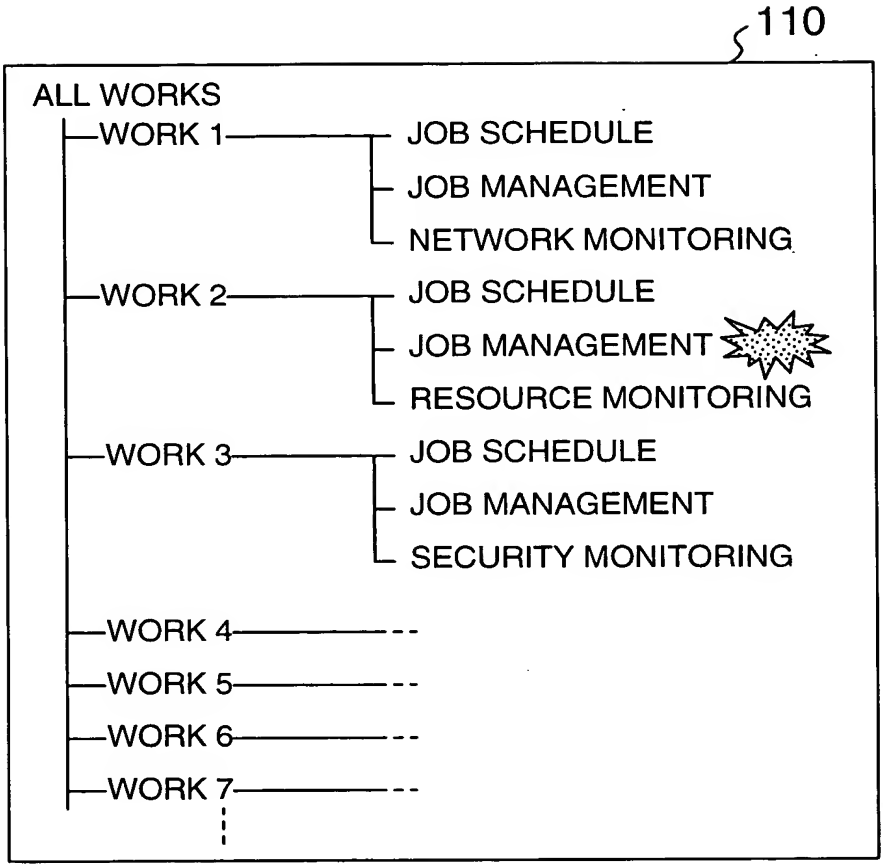
110
ALL WORKS
WORK 1
JOB SCHEDULE
JOB MANAGEMENT
NETWORK MONITORING
WORK 2
JOB SCHEDULE
JOB MANAGEMENT
RESOURCE MONITORING
WORK 3
JOB SCHEDULE
JOB MANAGEMENT
SECURITY MONITORING
WORK 4
WORK 5
WORK 6
WORK 7

FIG. 12

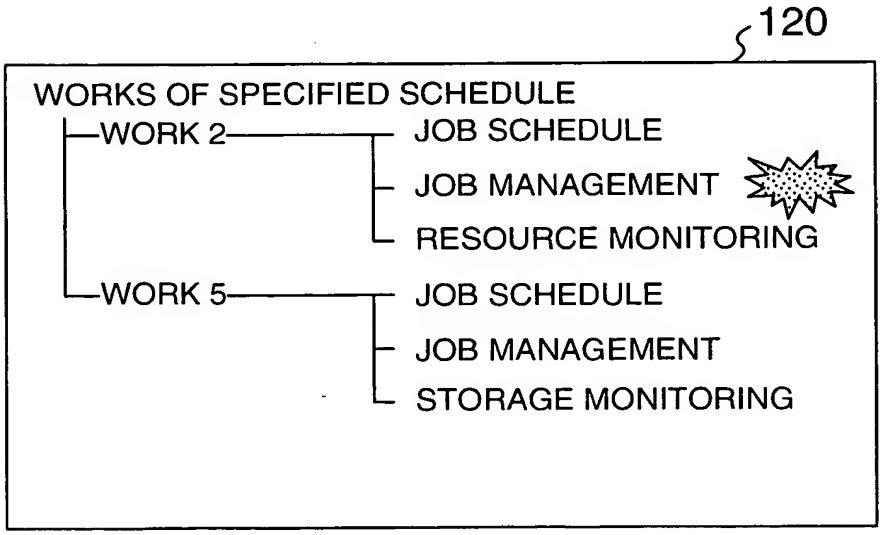
120
WORKS OF SPECIFIED SCHEDULE
WORK 2
JOB SCHEDULE
JOB MANAGEMENT
RESOURCE MONITORING
WORK 5
JOB SCHEDULE
JOB MANAGEMENT
STORAGE MONITORING

FIG. 13

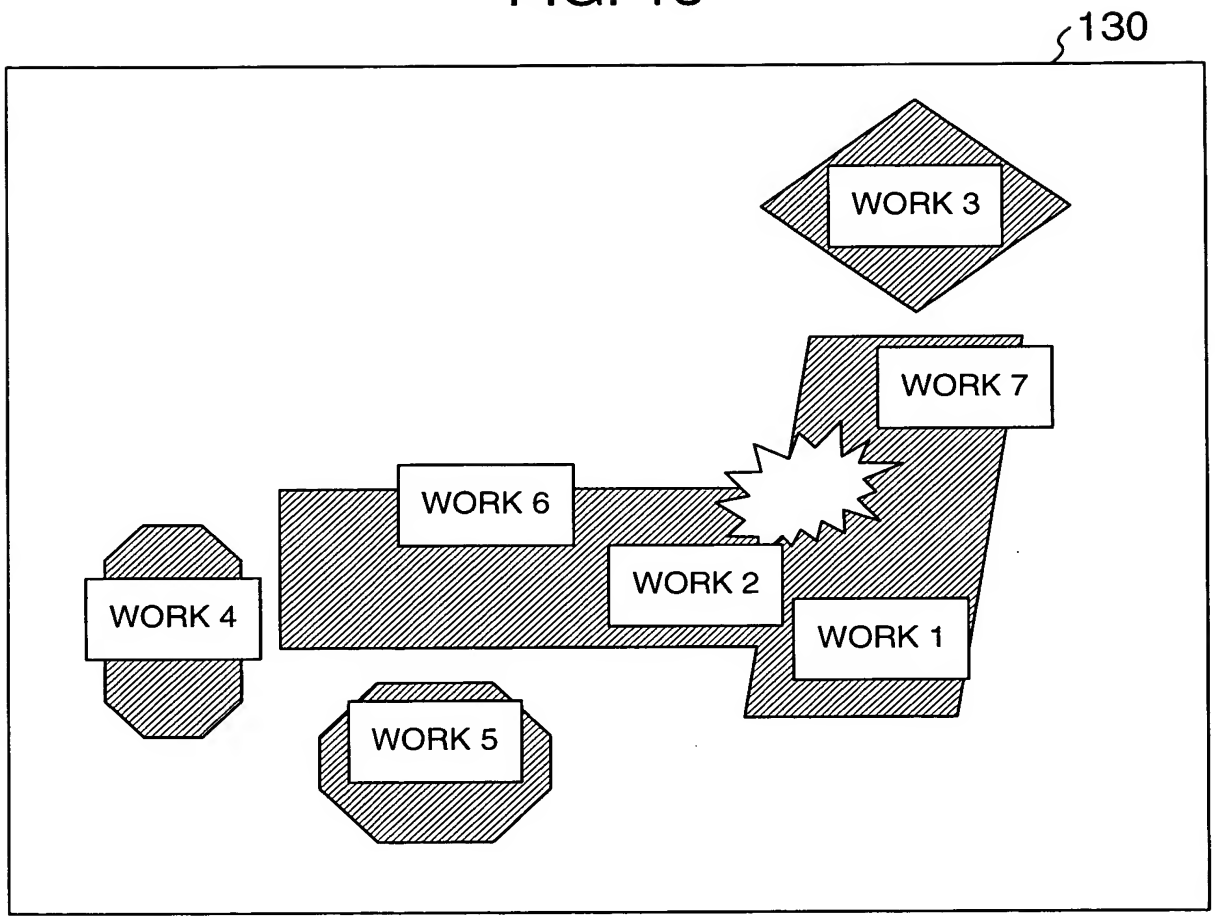

FIG. 14